

ABSTRACT OF THE DISCLOSURE

A stabilized dihydrolipoic acid (DHLA) compound is provided. The stabilized DHLA is derived from a microbiological culture media including at least one live probiotic organism, *R*-lipoic acid and at least one nutritive agent. The stabilized DHLA may be prepared by dispersing the microbiological media in distilled water to form a broth, incubating the broth at a predetermined temperature for a select period of time to induce probiotic activity, adding organic ethanol to the broth to halt the probiotic activity, and separating the derived stabilized DHLA from the broth.